August Telecon – Documentation Cluster Aug 21, 2014

Attendees: Kelly Monteleone, Ted Habermann, Ed Armstrong, Oliver chang, Peter Leonard, Phil Leonard, Phil Jones, Tyler, Heather Brown, Bruce V. Mary Jo Brodzik, John, John Graybeal, Ajay Krishnan

1. Follow-up for ESIP summer meeting
   * Went very well with Documentations sessions – they were integrated more into the rest of ESIP
2. Improving metadata compliance for earth science data records (Ed/ Oliver Chang)

Automating Metadata Compliance Checker

* CF Checker – console text dump – opaque –“this might be wrong”
* THREDDS UDDC – detailed, color, descriptions
* GDS2 Validator – checks for existence/type – lots of text
  + Developed for GRIST – it has a very specific purpose
* IOOS Compliance checker by Dave Foster – this was used as a model – has detailed messages
* THIS MODEL
  + Checks CF, ACDD, IOOS
  + CF portion uses IOOS as a black box but rewritten ACDD and GDS2 checkers
  + Checks are designed in data driven way
  + Uses python dics – hierarchical
* Example – GRIST NetCDF4 file – uses all 3 checkers
  + Color coated – green = complete, yellow = partially complete, and red = fail – also has symbols for color blind people
  + Found problem – one part failed because it wasn’t comma delimited but it was a hierarchical list
* If you print the report it will expand all categories
* Uses ACDD 1.1 – this is described on the main page and includes links to the standards used (and the version)
* GDS2 – LP2 file – also check attributes
* Has a restful API interface to check files programmatically in JSON – can get HTML output
  + Designed so you can build a web service that people can add parsers
* Ted and John G both looking for an external filet hat explains how the test is conducted – right now it is just a name and description
* Ted – suggests separate NUG (NetCDF User Group) from CF
* Oliver goes back to school … this will freeze the project
* Ed will work on getting more information out – power point and a few documents will be up on the wiki in the next few weeks, in about a month will have the product released (announced via email)
* Possibly have a winter meeting session about compliance checkers

1. Prepare the summary issues for ACDD – (John G.)
2. Data\_\*attributes
3. Summary metadata for geo-spatiotemporal ranges
4. Organization of ACDD – still some confusion

* #3 – Phillip Jones – version 1.0 is not up on unidata any more – can it be brought into ESIP wiki
  + - Anna – created an ACDD action to do this
  + Ajay (NODC) – do not need to use attributes? – will that affect UUD – Anna – need a new scoring for new version
    - Will that be bundled into a new THREDDS release
    - John is not sure about uptake after approval
* #2 – add warning text – vote – no objections (DONE)